

ABSTRACT OF THE DISCLOSURE

A half-sleeve pinch valve includes a first body member and a second body member. The first body member and the second body member are connected to define a passage. A semi-circular sleeve is positioned within the passage such that a middle portion of the sleeve is adjacent either the first body member or the second body member, defining a fully open state. A port is located in either the first body member or the second body member adjacent the sleeve and is in fluid communication with the passage. A closing fluid is introduced through the port into the passage, thereby displacing the middle portion of the sleeve into the passage to move the sleeve from the fully open state through a partially open or partially closed state to a fully closed state. A method for controlling the flow in a passage is also disclosed.